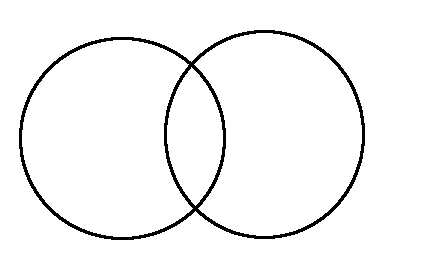
Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6th Grade Space REDO

List the planets from the sun to the kuiper belt and make a mnemonic device to help you remember them.

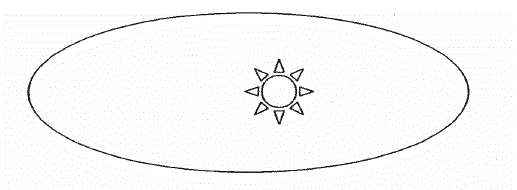
Compare and contrast Earth;s rotation and revolution. Develop a word or picture association to help you remember which is which.

Rotation Revolution



Seasons

Draw and label Earth’s revolution around the sun and on the chart below. Write a paragraph explaining why we experience seasons in the Northern Hemisphere. Give the date of the equinoxes and solstices.



Space Terms Matching

\_\_\_\_1. Astronomical Unit a. Movement of a planer around the sun

\_\_\_\_ 2. Asteroid b. all space programs in the US are operated from here

\_\_\_\_ 3. Axis c. a small body that circles the sun between Mars and Jupiter

\_\_\_\_ 4. Comet d. the turning of a planer on its axis

\_\_\_\_ 5. Gravitational pull e. a big ball of dirty ice and snow in space

\_\_\_\_ 6. Light year f. the attraction that one object has for another due to gravity.

\_\_\_\_ 7. NASA g. small body or moon orbiting a planet

\_\_\_\_ 8. Orbit h. the approximate distance from sun to Earth

\_\_\_\_ 9. Revolution I. the path a planer follows around the sun

\_\_\_\_ 10. Rotation j. the distance light can travel in one year

\_\_\_\_ 11. Satellite k. an imaginary line that passes through the poles and the center of a planet

**Inner and Outer Planets**

The planets are split into two large categories. Inner and outer planets.

The inner, rocky, or terrestrial planets are between the sun and asteroid belt.

The outer, gaseous, or Jovian planets are between asteroid belt and the Kuiper belt.

List the Inner planets, place a star next to the largest.

1.

2.

3.

4.

List the outer planets, place a star next to the largest.

1.

2.

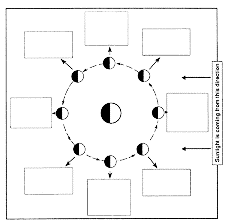
3.

4.

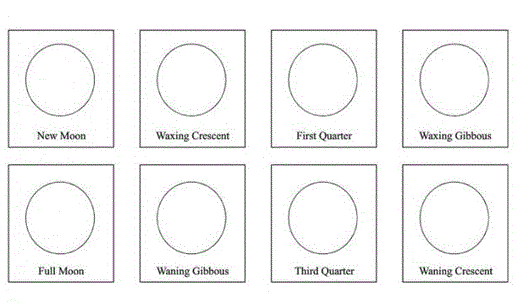
How is Pluto classified?

Draw a picture of the solar system. Include the sun, all the planets, asteroid belt, and any other objects that you would like to include.

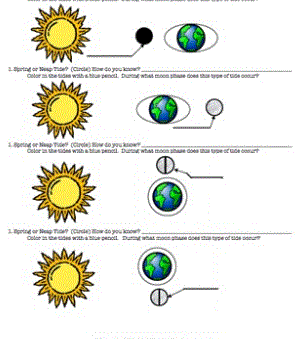
Label the phases of the Moon



Draw the phases



Label the spring and neap tides.



What is the difference between a meteoroid, meteor, and a meteorite?